

GENERAL INFORMATION

A member of ETC’s Paradigm family of lighting control the Paradigm Station Repeater Module was designed for use with Paradigm control systems. The Paradigm Station Repeater Module offers support for longer wire runs to Paradigm stations and touchscreens when added to a Station Power Module.

APPLICATIONS

- Houses of worship
- Schools
- Restaurants
- Hotels
- Museums
- Casinos
- Ballrooms

FEATURES

- Designed for use with Unison Paradigm Systems
- Plug and Play – ready to go out of the box, no software or external programming required
- LinkConnect – Echelon’s LonTalk® protocol with LinkPower, the two wire topology-free system gives you the freedom to put station where you need them
 - One additional 500 m segment of wiring per system with Repeater
 - Two additional 500 m segments of wiring per system with Dual Repeater
- Auxiliary power- 24 VDC power to support Unison interface stations Paradigm Touchscreens
 - Up to 4 touchscreen stations may be used per P-REP or P-DREP

REGULATORY AND COMPLIANCE

- cULus LISTED
- CE Compliant

ORDERING INFORMATION

Paradigm Wall and Rack-Mount Repeaters

MODEL	DESCRIPTION
P-REP-W	Paradigm Wall mount Repeater Module
P-REP-RM	Paradigm Rack mount Repeater Module
P-DREP-W	Paradigm Wall mount Dual Repeater Module
P-DREP-RM	Paradigm Rack mount Dual Repeater Module

Related Products

MODEL	DESCRIPTION
ERn2-W*	2 slot wall mount Control Enclosure
ERn2-RM*	2 slot rack mount Control Enclosure
ERn4-W*	4 slot wall mount Control Enclosure
ERn4-RM**	4 slot rack mount Control Enclosure

*Available in 100–120 V, 230 V CE and 240 V

** Available in 100–120 V and 240 V only

Unison DRd Rack Enclosures

MODEL	DESCRIPTION
DRd6*	4 slot wall mount 100–120 V Control Enclosure
DRd12*	4 slot rack mount 100–120 V Control Enclosure

*Available in 100–120 V, 230 V CE, 240 V and 277 V



SPECIFICATIONS

FUNCTIONAL

- Repeater module provides an additional 1,640 ft (500 m) of station bus from the repeater
- Dual Repeater module provides two additional 1,640 ft (500 m) station bus segments from the repeater
- Provides 24 V auxiliary power for interface and touchscreen stations

MECHANICAL

- Designed for use with Unison Paradigm systems
- 18-gauge formed steel construction
- Fine-texture, scratch resistant, epoxy paint
- Convection cooled
- Front panel status indicators
- Wall-mount offers front access wiring terminations
- Top, bottom and side knockouts for conduit entry
- Clearly labeled LinkConnect station bus status indicators

ELECTRICAL

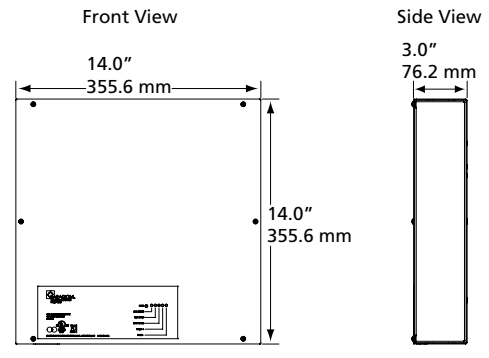
- 100–240 V, 50/60 Hz power input
- Echelon® LonTalk with LinkPower communications using Class 2 topology-free, polarity independent station wiring. Wiring may be bus, loop, home-run, or any combination utilizing Belden type 8471 or equivalent, and (1) #14 ESD drain wire
- Front panel power switch (rack-mount only)
- Contractor supplied input and control wiring
- Factory provided connectors for wiring terminations
- 24 V auxiliary power for interface and touchscreen stations

THERMAL

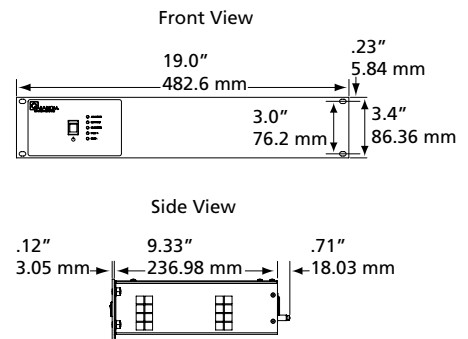
- Ambient room temperature: 0°–40° C / 32°–104° F
- Ambient humidity: 10–90% non-condensing

PHYSICAL

Wall Mount



Rack Mount



Product Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
P-REP-W	14	356	14	356	3.0	76.2
P-REP-RM	3.5	89	19	483	11	280
P-DREP-W	14	356	14	356	3.0	76.2
P-DREP-RM	3.5	89	19	483	11	280

Product Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
P-REP-W	14	6.4	20	9.1
P-REP-RM	13	5.9	19	8.6
P-DREP-W	14	6.4	20	9.1
P-DREP-RM	13	5.9	19	8.6

*Weights and dimensions typical



Corporate Headquarters • Middleton, WI USA

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